SARA SKYWAVES

KF5NBO

JUNE

"MY CORNER OF THE SHACK"

I want to apologize for not having written my article for the newsletter last month.

Presentations that are queued up for the monthly meetings are:

- July – Dipole Antennas – Jim Eatman (KG5WAW)
- Aug – Homemade Buddy Pole Antenna – Michael Wideman (KG5MCC)
- Sept – Board of Directors Election
- Oct – Sachse RACES/ARES – Chance Lindsey (KC5EOK

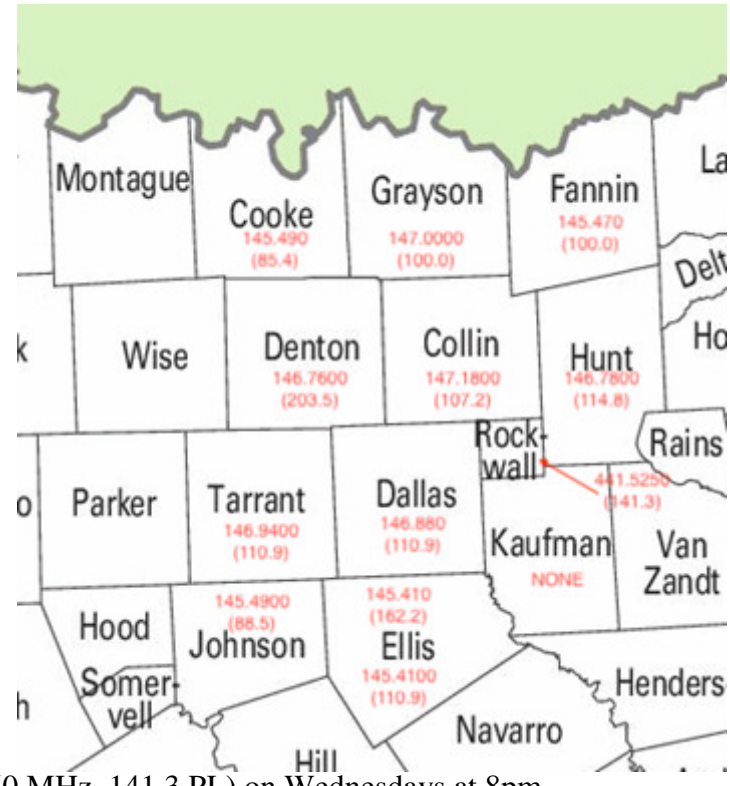
The Ham Radio in the Park Antenna Build/Fox Hunt was a lot of fun and it was great to see so many from other clubs show up to play with us. It was even more rewarding to see the youth that showed up and participated (yes, I am proud that my Grand-daughter Lizzy helped build an antenna and was the first one to find the Fox. We got her some study material and helping her prepare for her Tech).

HamCom was a real success for us too. We spent Friday afternoon and all day Saturday sharing information about our club with quite a few folks that stopped by (estimated to be north of 100 for the weekend). Thanks to everyone who stopped by to help man the table and share with those that stopped by.

We have field day coming up on the 22nd and 23rd and, even though we'll be in the heat of summer, welcome your ideas for thin[g]s we can do as a club.

If you have been attending our weekly Net on Wednesday's you know I have started sharing from the Dallas County RACES "Cloud Cowboy" manual. As part of my emergency preparedness I (finally) put the Skywarn frequencies for surrounding counties in ALL of my radios. Below is a little map I made that has the primary Skywarn frequencies from https://wx5fwd.org/cwafrequencies. There are secondary and tertiary frequencies at that site too.

I would encourage each of you to do the same. It will allow you to track storm activity as it comes towards you so you can be fully "weather aware".



Please join us on the net (145.250 MHz, 141.3 PL) on Wednesdays at 8pm.

We are working with a vendor in the Dallas area we met at HamCom that will be taking our logo and digitizing it, allowing him to provide us with club logo hats, shirts, and jackets. Once we have everything finalized we will share the information in the newsletter. There is no minimum order and he has a nice catalog of choices. I've gotten 4 embroidered hats from him and K5LCS and KG5CQO, both, say the quality looks very good. Keep your eyes on the newsletter for more as it becomes available.

Don't forget to join us on our weekly net, Wednesday's at 8pm on the N5LOC repeater (145.25MHz, Minus shift, PL 141.3), watch for our Public Information Officer's (KC6TVF) emails, check our web site, and of course, read the newsletter.

Our next club meeting, at the Sachse Public Library, is on June 27th at 7:30pm.

Finally join us at Summer Field Day at the North Pointe Church of Christ parking lots/fields. It's a great opportunity to test a go-box you've built, operate on some of those bands your studying to get access to, and to share what you know with others and learn some new thing as well.

73, W5JWS – John S

THE NEXT SACHSE AMATEUR RADIO ASSOCIATION MEETING

Date and Time and Place: Thursday June 27, 2019 at 7:30pm at the Sachse Public Library Conference Room.

Presentation: Dipole Antennas by Jim Eatman, KG5WAW.

DO YOU HAVE A STORY FOR THE SARA NEWSLETTER

Send anything that you think should go into the newsletter to John, KF5FWK, at: sara.newsletter@ix.netcom.com.

SACHSE AMATEUR RADIO ASSOCIATION ACTIVITIES COMMITTEE

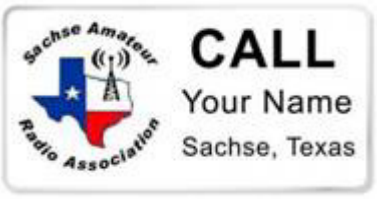
SARA vice-president Greg Kent, KK6AXF heads up the SARA Activities Committee. Anyone who is willing to help may contact Greg Kent, KK6AXF, at kk6axf@gmail.com.

SACHSE AMATEUR RADIO ASSOCIATION EDUCATION DIRECTOR

SARA education director Leroy Michalow, K5AXP, can use your assistance. If you can suggest or provide an educational program for the weekly NET or for the monthly club meeting please contact Leroy at: kf5dat@gmail.com.

NEED A SARA NAME BADGE

If you need a SARA name badge please go to https://namebadge.com/sachse.



SARA SKYWAVES

KF5NBO

JUNE

TIME TO CATCH UP ON ALL THE NEWS

THE ARRL LETTER FOR JUNE 6, 2019

HURRICANE MICHAEL INVESTIGATION DIGS INTO FACTORS THAT HINDERED WIRELESS SERVICES RECOVERY.

On May 9, the FCC's Public Safety and Homeland Security Bureau released a report on its investigation into communications providers' preparation for and response to Hurricane Michael last October. An array of Amateur Radio public service assets was active as Hurricane Michael made landfall near Mexico Beach on the Florida Panhandle, boasting devastating 155 MPH winds. The storm was the first Category 4 or stronger hurricane to hit the Florida Panhandle since 1992.

The FCC investigation found that three key factors -- insufficiently resilient backhaul connectivity, inadequate reciprocal roaming arrangements, and a lack of coordination between wireless service providers, power crews, and municipalities -- were the predominant causes behind what the FCC called "the unacceptably slow restoration of wireless service in the Florida Panhandle" in the storm's wake. According to the FCC, its investigation even found that recovery efforts themselves often led to communication outages.

"There were numerous cases in which a wireless provider had restored service to customers only to have that service brought down as third-party crews damaged communications assets while clearing trash or restoring power lines and utility poles," the FCC recounted in a news release.

To improve recovery efforts from future storms, the report recommended, among other things, that wireless providers use diverse backhaul options, such as microwave links and satellite links in hurricane-prone areas, and that communication providers participate in training to improve coordination of restoration efforts.

ADAFRUIT INDUSTRIES FOUNDER LIMOR FRIED, AC2SN, WAS ONE OF TWO 2019 WOMEN IN OPEN SOURCE AWARD WINNERS.

Sponsored by open-source solution provider Red Hat, the awards honor women who make important contributions to open-source projects and communities, or those making innovative use of open-source methodology. Nominations for this year's awards were accepted for two categories: "Academic" for those currently enrolled in a college or university, and "Community" for those working on or volunteering with projects related to open source. A panel of judges determined finalists based on nomination criteria, and the public voted to determine the award winners. Fried was recognized in the community category. She is the founder and lead engineer at Adafruit Industries, an open-source hardware company designed to provide a place for people to learn about and purchase open tools, equipment, and electronics online.

THE ARRL LETTER FOR JUNE 20, 2019

ARRL FILES INTERIM REPORT WITH FCC IN "SYMBOL RATE" PROCEEDING.

ARRL has filed an interim report with the FCC in order to report on its efforts to find common ground regarding issues surrounding the "symbol" or "baud" rate proceeding, FCC Docket WT 16-239 (the FCC has issued a Notice of Proposed Rulemaking in WT 16-239, which stemmed from ARRL's rulemaking petition RM-11708). ARRL highlighted that the public benefits from the FCC's "fairly flexible" regulation of Amateur Radio, citing innovative developments in digital technology, including WSJT-X.

Noting that more than 1,400 comments in total have been filed in this and on a related rulemaking petition (RM-11831), ARRL pointed out that, as in other Commission-regulated areas, adapting current regulations to rapidly evolving technology presents challenges that may require adjustments to, or clarifications of, the governing regulations. Making such adjustments can be a challenge to ensure that valid regulatory purposes continue to be served without hindering technological change and innovation in the process.

While a June 11 meeting organized by ARRL had to be reset to accommodate the invited parties, ARRL has re-affirmed its commitment to protecting the interests of all amateurs. ARRL said it will continue to pursue its efforts to address and reconcile differing opinions expressed in the two matters now pending before the FCC.

LIGHTSAIL 2 SET TO LAUNCH ON JUNE 22.

The Planetary Society's citizen-funded LightSail 2 solar-propelled spacecraft is set to launch on June 22 on board a SpaceX Falcon Heavy. It will attempt the first controlled solar sail flight in Earth orbit. LightSail 1 successfully completed its test flight mission in 2015. LightSail® is aimed at testing "solar sailing" technology for CubeSats, which comprise many Amateur Radio satellites. According to the Planetary Society, solar sailing uses reflective sails to harness the momentum of sunlight for propulsion. "One disadvantage to CubeSats is that they typically lack propulsion, which limits their range of applications," The Planetary Society says. "LightSail will demonstrate the viability of using solar sailing for CubeSats."

Scientific collaboration between The Planetary Society and Russia led to the creation of Cosmos 1, a solar sail spacecraft launched aboard a repurposed ICBM. But test flights in 2001 and 2005 failed due to problems with the launch vehicle. The first successful solar sail was launched by Japan in 2010, when the IKAROS spacecraft was deployed from a Venus-bound space probe. NASA has looked into using solar sails to de-orbit CubeSats with atmospheric drag, and its Nanosail-D2 mission in 2010 was successful. The Planetary Society's LightSail program was initiated a year earlier. It aimed to construct a CubeSat similar to Nanosail-D that would demonstrate true solar sailing. LightSail 1 snagged a slot aboard an Atlas V launch in 2015, but the target orbit was not high enough for solar sailing thrust to overcome atmospheric drag. The Planetary Society accepted the free ride anyway and successfully tested the spacecraft's sail deployment mechanism.

LightSail 2 will be enclosed within Prox-1, a Georgia Tech student-built spacecraft the size of a small washing machine. Prox-1 will detach from the Falcon Heavy into a circular 720-kilometer orbit. A week later, it will deploy LightSail 2.

Sachse Amateur Radio Association

KF5NBO

SARA SKYWAVES

JUNE

RADIO AMATEUR TO LOSE LICENSE AS PART OF ENFORCEMENT CASE SETTLEMENT.

New Jersey radio amateur David S. Larsen, Sr., WS2L, of Highland Park, will surrender his Amateur Extra-class license and pay a $7,500 civil penalty as part of a Consent Decree with the FCC to settle an enforcement action. An FCC Enforcement Bureau Order released June 18 said Larsen violated the Communications Act of 1934 and Part 90 rules by operating on frequencies licensed to the Borough of Highland Park for public safety communication.

As part of the settlement, Larsen admitted to making the unauthorized transmissions, and he agreed not to engage in unauthorized use of a radio station, and to surrender radios in his possession capable of transmitting on the town's public safety frequencies. If the Commission finds that Larsen makes unauthorized radio transmissions or otherwise violates the terms of the Consent Decree, he'll be subject to an additional $32,500 civil penalty. The agreement stipulates that Larsen may not apply for a new Amateur Radio license for 3 years.

The case stems from a May 2018 complaint of unauthorized transmissions on the Highland Park municipal radio system. FCC agents followed up with several visits to the town.

"Based on information provided by the complainant and direct observations by the Bureau's agents, the unauthorized transmissions consisted of brief, pre-recorded sounds (such as the sad trombone sound)," the FCC said in the Consent Decree. The FCC said individuals the agents interviewed identified Larsen -- a former rescue squad volunteer -- as the person who was likely responsible.

Responding to an FCC Letter of Inquiry, Larsen subsequently contacted the Enforcement Bureau and related that the unauthorized transmissions had ceased. Last fall, Larsen, responded to the inquiry through counsel to deny making the unauthorized transmissions. A short time later, the unauthorized transmissions resumed, and the FCC restarted its investigation, attempting to trace the source of the transmissions. Last March, agents used direction-finding equipment at a fixed location near the complainant's residence, while other agents conducted mobile direction finding of Larsen's vehicle in transit.

"The four agents observed Mr. Larsen pull over to the side of the road on the way to his home," the Consent Decree recounts. "The four Bureau agents observed (a) that during the brief stop, Mr. Larsen remained in his vehicle, (b) while stopped, a brief transmission consisting of the sad trombone sound emanated from the direction of Mr. Larsen's vehicle on a frequency licensed for use by the Highland Park Radio System, and (c) following the transmission of the sad trombone sound, Mr. Larsen resumed his drive to his residence."

The FCC said agents returned in April to observe Larsen repeat the earlier behavior, including a similar transmission emanating from Mr. Larsen's vehicle, according to the Decree.

SARA SKYWAVES

KF5NBO

JUNE

PENNSYLVANIA RADIO AMATEUR DIES IN TOWER INSTALLATION MISHAP.

Well-known northeastern Pennsylvania radio amateur Leland L. "Lee" Parsons III, N3LPJ, lost his life on June 14 during a ham tower installation project when a tower section he was working on collapsed off State Route 2069 in Gibson Township. Authorities said Parsons, 62, was apparently attempting to attach a guy wire to the bottom tower section when it went over. An ARRL member, Parsons was the president of the Susquehanna County Amateur Radio Club.

The online Wireless Estimator called the incident "a stark reminder of the dangers present this weekend during Field Day." The article cited a 2009 Field Day tower collapse that claimed the life of 57-year-old Larry Prelog, KE4PM -- an experienced climber -- while he was installing an antenna. In that incident, two legs at the base of the tower buckled.

The Wireless Estimator article also recalled the death of the Reverend Paul Bittner, W0AIH, 84, a well-known radio amateur, contester, and Field Day participant, who lost his life last October when he fell from one of the towers at his extensive antenna farm in Wisconsin.

HISTORIC 2 METER TRANSATLANTIC CONTACT REPORTED.

D41CV on Cape Verde Islands and FG8OJ in Guadeloupe spanned the Atlantic Ocean on 2 meters for the first time on June 16, according to reports. The distance was 3,867 kilometers (2,397.5 miles). The historic contact was made on 144.174 MHz using FT8 mode.

"The mode of propagation was most likely marine ducting, with the signal traveling in a layer near the ocean surface," said John Desmond, EI7GL, who was among those posting information on the contact. Mark De Munck, EA8FF, was at the helm of D41CV, the Monteverde Contest Team club station, off the coast of Africa. He used the beacon antenna at the station, as the so-called "Pinocchio Yagi" was down for repair. Bert Demarcq, FG8OJ, was on the other end of the contact.

"Now that this historic contact has been made, more 144 MHz contacts across this part of the Atlantic are sure to follow," Desmond said.

The initial contact does not qualify for the Brendan Trophies and Brendan Shields awards, because they require a valid contact to be made between Europe and the Americas on 2 meters. The distance covered, however, was greater than the distance between Ireland and Newfoundland.

"We continue to write a part of the history and to push barriers further away," a post on the D4C VHF & Up Facebook page said.

Join in the fun. Don't be shy. Meet your fellow club members on the radio. Hear all the gossip. Learn a few things about amateur radio. Keep up to date on upcoming SARA amateur radio events.

Join in the fun. Become a Net Control Operator. You may find that you have a hidden talent. Try it once. If you like it sign up for more. Contact the SARA Public Information Officer John Briggs, KC6TVF for more information. jsbriggs@yahoo.com

Please join us on the net (145.250 MHz, 141.3 PL) on Wednesdays at 8pm.

Sachse Amateur Radio Association
KF5NBO
SARA SKYWAVES
JUNE

FIELD DAY 2019

Photographs by Johnnie, KG5CQO

Sachse Amateur Radio Association

KF5NBO

SARA SKYWAVES

JUNE

FIELD DAY 2019

Photographs by Johnnie, KG5CQO

Sachse Amateur Radio Association
KF5NBO
SARA SKYWAVES

JUNE

FIELD DAY 2019

Photographs by Johnnie, KG5CQO

Sachse Amateur Radio Association
KF5NBO
SARA SKYWAVES

JUNE

FIELD DAY 2019

Photographs by Johnnie, KG5CQO

JUNE

FIELD DAY 2019

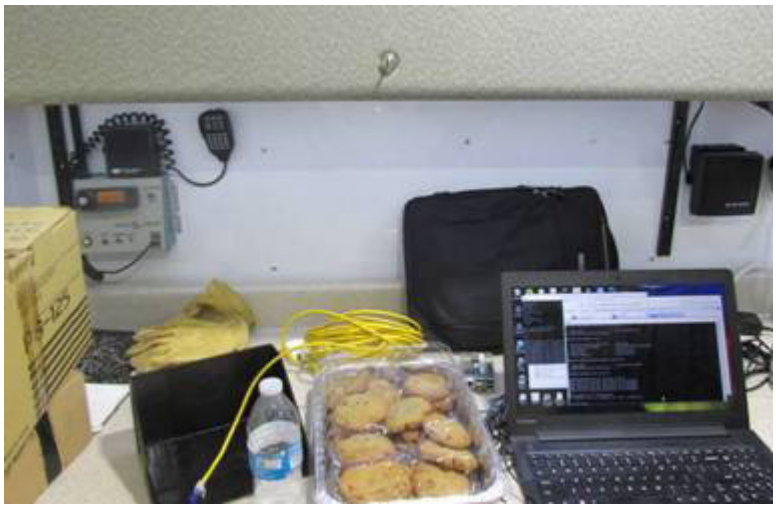
Photographs by Johnnie, KG5CQO

Please join us on the net (145.250 MHz, 141.3 PL) on Wednesdays at 8pm.

Sachse Amateur Radio Association
KF5NBO
SARA SKYWAVES

JUNE

FIELD DAY 2019



Sachse Amateur Radio Association

KF5NBO

SARA SKYWAVES

JUNE

FIELD DAY 2019

Sachse Amateur Radio Association

KF5NBO

SARA SKYWAVES

JUNE

FIELD DAY 2019

SARA SKYWAVES

KF5NBO

JUNE

FIELD DAY 2019

Photographs by Trisha

Sachse Amateur Radio Association

KF5NBO

SARA SKYWAVES

JUNE

FIELD DAY 2019

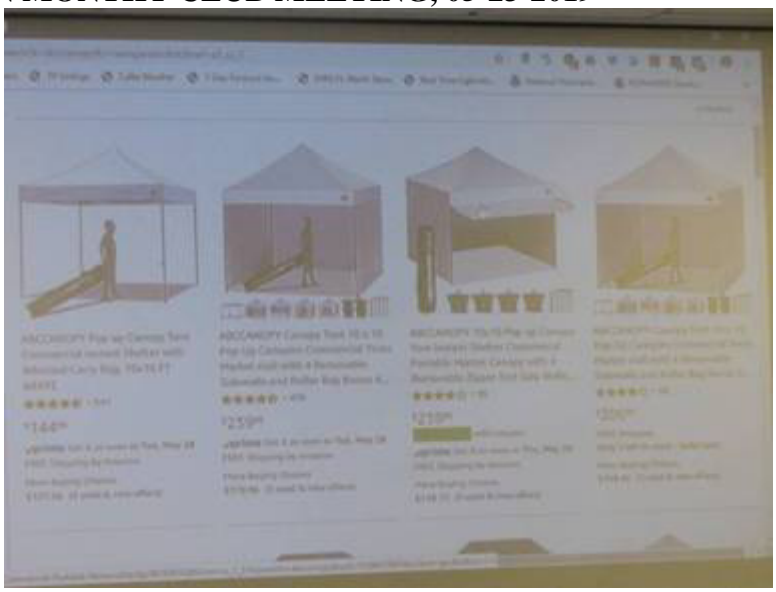
SACHSE AMATEUR RADIO ASSOCIATION MONTHY CLUB MEETING, 05-23-2019

SARA SKYWAVES

KF5NBO

JUNE

SACHSE AMATEUR RADIO ASSOCIATION MONTHY CLUB MEETING, 05-23-2019



SARA SKYWAVES

KF5NBO

JUNE

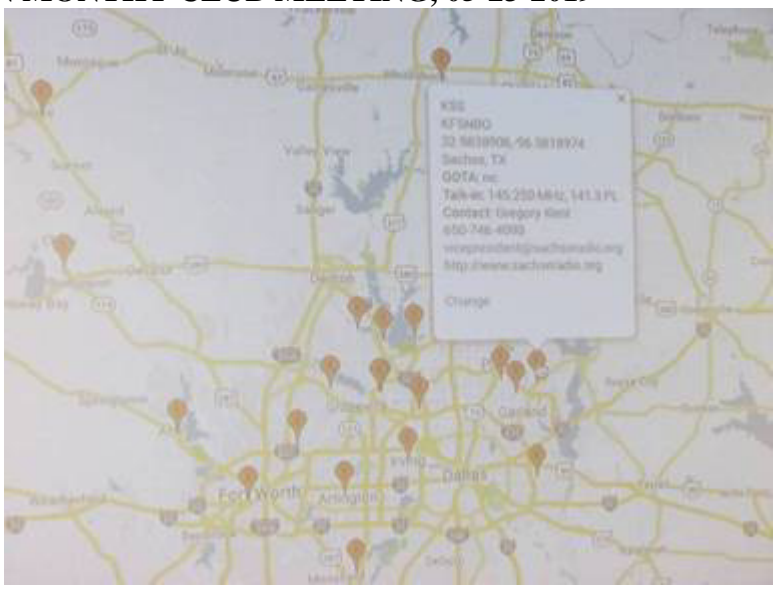
SACHSE AMATEUR RADIO ASSOCIATION MONTHY CLUB MEETING, 05-23-2019

KF5NBO

SARA SKYWAVES

JUNE

SACHSE AMATEUR RADIO ASSOCIATION MONTHY CLUB MEETING, 05-23-2019



SACHSE AMATEUR RADIO ASSOCIATION – SATURDAY BREAKFAST – 05-25-2019

Photographs by John, W5JWS

Please join us on the net (145.250 MHz, 141.3 PL) on Wednesdays at 8pm.

SARA SKYWAVES

KF5NBO

JUNE

Sachse Amateur Radio Association Weekly Net Script

Version: 1.2b - June, 12 2019

Good evening and welcome to the "Ham Radio in Sachse" Weekly Information Net. My name is (name, call sign), and I will be your net control this evening. (pause) This net is heard every Wednesday evening at 8:00pm on the N5LOC repeater, which is on a frequency of 145.250 using a PL tone of 141.3. All licensed amateurs are invited and encouraged to participate, whether you are a club member or guest. (pause) This is a Directed Net. Please do not transmit unless directed to do so by Net Control. If at any time, you have an emergency to report, break in by saying "Priority" or "Emergency" followed by your call sign and the net will stand by. An emergency is defined as the imminent threat to life or property.
Is there any emergency, priority or time sensitive traffic at this time? (pause)

Check-Ins:
Before we begin, we will be taking check-ins, three at a time. If you would like to check into this net, please give your call sign, your name and repeat your Call Sign alphanumerically slowly, so Net Control can write [it] down.
(Write down and read back each call sign.) (Remember: Echolink users (if any) need a few extra seconds to respond.)

Club Announcements: Now is a good time for Net Control to ID.
Our first topic will be announcements from club officers. Any club officer on the net with an announcement, please give your call sign now.

Member & General Comments: Now is a good time for Net Control to ID.
Our next topic is member & general comments. Any member of the Sachse Amateur Radio Association, or anyone else on this net, who would like to make a comment, please give your call sign now.

Tech Talk: Now is a good time for Net Control to ID.
Our next topic is Tech Talk. Ask any questions you may have of a technical nature regarding amateur radio or computers. Feel free to share any information or share comments that you find to be valuable with the group. If anyone has an item for Tech Talk, please give your call sign now.

Swap Shop: Now is a good time for Net Control to ID.
Our next topic is Swap Shop. Anyone wishing to buy, sell, trade, or give away items related to ham radio or computers is invited to do so. Please do not haggle over price on the air. If anyone has an item for Swap Shop, please give your call sign now.

Education: Now is a good time for Net Control to ID.
Our next topic is Education. Anyone who has an education presentation they would like to make or want to suggest an item for a future presentation, please give your call sign now.

How Was Your HAM Week: Now is a good time for Net Control to ID.
Now for the fun part of our hobby, which is our next topic, is called "How Was Your HAM Week". This exercise allows any station to share anything related with HAM Radio, since our last Net Control or Monthly Meeting. Example topics can be "DX'ing Observations", "Experiences", "Challenges", "Lesson-Learn with your equipment", or even "Victories on a project". The goal of sharing is to forge relationships, as we are currently enjoying the hobby. Whether you are a member or guest, this exercise is voluntary. No station is under obligated to share anything. As your Net Control, I will start by briefly sharing my "Ham Week". Once done, the Net Controller will then ask if any station would like to share their "Ham Week". Simply give your Call Sign and Net Control will recognize the station and give them the platform to share
(Net Control – provide positive feedback on their topic.)

Cross-Talk: Now is a good time for Net Control to ID.
Our next topic is Cross-Talk. If anyone on the net has a need to talk direct to any other station on the net, please give your call sign now.

Late Check-Ins: Now is a good time for Net Control to ID.
Next Net Control would like to take late check-ins. If there are any late check-ins, whether RF or Echolink, please give your call sign and name slowly and clearly. (Write down and read back each call sign.)

Last Call:
Before we conclude the net, is there any other Stations wishing to report into the Net and/or have any comments?

Wrap-Up: Now is a good time for Net Control to ID.
This concludes the "Ham Radio in Sachse" Weekly Information Net. If you would like more information about the Sachse Amateur Radio Association, please visit our web site at www.sachseradio.org. This is (call sign) and we now return the N5LOC repeater to its normal use.

Sachse Amateur Radio Association
Meeting Minutes
May 23, 2019

Start time: 7:30 pm
Location: Sachse Library
Facilitator: John Smyder (W5JWS), President

Opening
John Smyder – (W5JWS)
Opened the meeting by leading the Pledge of Allegiance
Everyone introduced themselves and gave their call sign

Attendees
13 members
3 guests

President's report – John Smyder – (W5JWS)
QSO breakfast – Saturday 8:00 at Woodbridge Café in Sachse
Next board meeting is June 13th at W5JWS's home
No testing on June 8th, testing at Ham Com
Next general meeting is June 27th at 7:30

Vice-President – Greg Kent – (KK6AXF)
Summer Field Day – June 22nd and 23rd
Still gathering information for a net on simplex
Pop – up cover
David Mandala – (KG5WFS)
Brought his tent to show size and quality
10 x 10
Heavy quality canvas
Parts easily replaceable
John Smyder – (W5JWS)
All other pop-ups were $1000
Banner was under $100
Board abandoned big Pop-up with Logo
Club does not have a pop-up
Members discussed price, size, and color of pop-up like **David Mandala's – (KG5WFS)** Pop-up on display
John Abbott – (KF5FWK)
Made a motion to purchase this pop up
Discussion followed concerning
The weights to hold the pop-up in place
To purchase the drop downs for all four sides
Johnnie Young – (KG5CQO)
Motioned to amend the previous motion
To purchase a white pop-up along with the four weights to hold it in place
John Abbott – (KF5FWK)
Was in agreement with the amending and suggested to further amend to include the purchase of one drop down with a price not to exceed $200

David Mandala – (KG5WFS)
2nd the doubled amended motion To purchase a white pop-up with the four weights and one drop down for a total price not to exceed $200
All agreed -motion passed

Secretary – Johnnie Young – (KG5CQO)
Minutes have been submitted and are on the web site and in the newsletter
Motion to accept— **David Mandala – (KG5WFS)**
2nd to accept motion – **Greg Kent – (KK6AXF)**
All agreed – motion passed

Treasurer – David Mandala (KG5WFS)
Report was presented and reviewed
Motion to accept **Greg Kent – (KK6AXF)**
2nd to accept motion **John Briggs – (KC6TVF)**

Information Officer – John Briggs (KC6TVF)
Need volunteers for NCS
June 12 – **Linda Smyder (W5LCS)**
June 5 – **Johnnie Young (KG5CQO)**
June 19 – **John Smyder (W5JWS)**
June 26 – **Greg Kent (KK6AXF)**
July 3 – No net this week

Newsletter Editor – John Abbott (KF5FWK)
News letter was sent via e-mail and is on the SARA web site
Always can use news articles and recipes
Take pictures at all events & send to **John Abbott – (KF5FWK)**
Take pictures of your antenna or shack set up
Info should be sent to **John Abbott (KF5FWK)** by the Monday before the next meeting

Director-at-large – Jeff Locke – (N5LOC)
Not in attendance
John Smyder – (W5JWS) [indicates]
Jeff Locke – (N5LOC) is doing better

Education Officer – Leroy Michalow – (K5AXP)
Not in attendance
John Smyder – (W5JWS) [indicates]
May – Scouting/Amateur Radio

Dale Findley – KB5NFT
Scouting /Amateur Radio

Presentation included information about the need for radio equipment to expose scouts to amateur radio
2019 Philmont and World Jamboree will have many visitors
Up to 25000 scouts and 49000 visitors
July 22 – August 2 will have radio operating all are invited to participate
Donations are needed

Bill Caldwell – (AC5BC)

Motion to donate $100 to Scouts
Mark Mantooth – (KI5CYA) 2nd the motion
All agreed-motion passed

John Smyder – (W5JWS)
Send scouting info to **John Abbott – (KF5FWK)**
Put in newsletter

David Mandala – (KG5WFS)
June 11th, 6:00 pm
Library presentation

Bill Caldwell – (AC5BC)
Wylie Blue Grass Festival and Car Show
Kerry Kruger – (K5RRY) is taking sign-ups

8:20 break
8:30 reconvened

Greg Kent – (KK6AXF)
Summer Field Day – June 22nd and 23rd
Map view of grounds by North Point Church of Christ
Back-up is Salmon Park
Will have 2 trailers plus CERT trailer
Food – will use chicken and BBQ business in lot
Greg Kent – (KK6AXF) will be safety officer
Will have info on
Can use for education = 30 minutes

Power poles	Raspberry pi
Emcom	RACES
ARES	Skywarn

Brochure about budget needs for new hams
Mark Mantooth – (KI5CYA)
Library presentation
David Mandala – KG5WFS)
Set-up 8:00 am
Contacts start at 1:00 pm on Saturday and end at 1:00pm on Sunday
Complete list included after minutes
John Smyder – (W5JWS)
Will contact the Mayor and Chief of Police

9:08
Motion to adjourn – **Bill Caldwell – (AC5BC)**
2nd the motion – **John Smyder – (W5JWS)**
All agreed
Meeting adjourned

Do you need to join or renew your membership in the Sachse Amateur Radio Association?
Print the next page, fill it out, and bring the form to the next club meeting.

KF5NBO

SARA SKYWAVES

JUNE

Sachse Amateur Radio Association Membership Application

Sachse Amateur Radio Association Sachse, Texas 75048-3696 www.sachseradio.org kf5nbo@gmail.com

Type of Application: New Member ☐ **Renewal** ☐ **Date:**_____

Your Call Sign:_____ **Your License Class:**_____

Your Name:_____ **Spouses Name:**_____

Address:_____

City:_____ **State:**_____ **Zip:**_____

Home Phone:_____ **Work Phone:**_____

Cell Phone:_____ **Email:**_____

Membership Types: Please check only one option below:

☐ **Regular:** A regular member shall be any FCC licensed amateur radio operator who does not fall under the special provision of an associate or student membership. Regular member dues are $25.00 per year unless prorated (see below).

☐ **Family:** A family membership shall be any FCC licensed amateur radio operators and non-licensed family members interested in amateur radio who live in the immediate household. Family member dues are $30.00 per year unless prorated (see below).

☐ **Associate:** An associate member shall be any person maintaining membership to support the association but who does not hold a license as a radio amateur. Associate member dues are $10.00 per year and are not prorated.

☐ **Student:** A student member shall be any FCC licensed amateur radio operator who is currently enrolled as a full time student, is 18 years of age or younger, and is not otherwise eligible to be included in a family membership. Student member dues are $10.00 per year and are not prorated.

If selecting Family membership, please list the family members covered by this application.

Name:_____ **Email:**_____ **Call Sign (if any):**_____ **Lic Class:**_____

Name:_____ **Email:**_____ **Call Sign (if any):**_____ **Lic Class:**_____

Membership Dues: (Please check only one)

Dues are initially paid upon joining the association. Renewal dues are paid no later than the September meeting each year. A new application must be submitted each year as well. Dues are reduced (prorated) for Regular and Family members (only) who join or renew their membership after Dec 31st:

☐ Joining Sep 1 thru Dec 31, pay $25.00 for Regular dues, or $30.00 for Family dues.
☐ Joining Jan 1 thru Mar 31, pay $18.75 for Regular dues, or $22.50 for Family dues.
☐ Joining Apr 1 thru Jun 30, pay $12.50 for Regular dues, or $15.00 for Family dues.
☐ Joining Jul 1 thru Aug 31, pay $6.25 for Regular dues, or $7.50 for Family dues.

TOTAL DUE: $_____

Are you a current member of the ARRL? ☐ YES or ☐ NO (please chose one).

By submitting this application, either by hand or any electronic means, you hereby agree to abide by the rules and regulations of the Sachse Amateur Radio Association.

Signature:_____

Please join us on the net (145.250 MHz, 141.3 PL) on Wednesdays at 8pm.